

# Avalanche

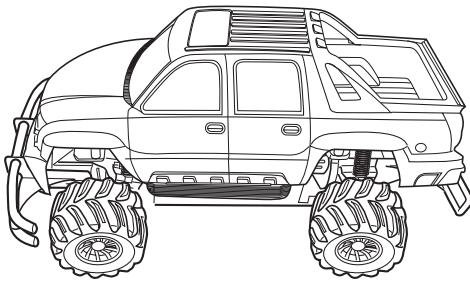
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OWNER'S MANUAL — Please read before using this equipment.

## ! IMPORTANT !

If an icon appears at the end of a paragraph, go to the box on that page with the corresponding icon for pertinent information.

 — Warning       — Important  
 — Caution       — Hint  
 — Note

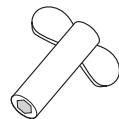


Your RadioShack Avalanche can make you a winner! With its digital proportional speed and precise steering, you can drive the Avalanche almost anywhere! Built to 1/10 scale, it can reach speeds of up to 1,200 feet per minute and climb hills up to 45°.

Your Avalanche's double wishbone front suspension and high-performance tires give it good traction on almost any terrain. The front and rear wheel differential gears let you take smooth, sharp corners.

The Avalanche lets you select from 3 frequencies so you can race against other radio-controlled cars.

The supplied box wrench lets you easily remove and replace the Avalanche's wheels. Be careful not to discard the wrench when you unpack the Avalanche.



## THE FCC WANTS YOU TO KNOW

Your truck might cause TV or radio interference even when it is operating properly. To determine whether your truck is causing the interference, turn off your truck. If the interference goes away, your truck is causing it. Try to eliminate the interference by:

- moving your truck away from the receiver
- contacting your local RadioShack store for help



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If you cannot eliminate the interference, the FCC requires that you stop using your truck.

This device complies with Part 15 of the *FCC Rules*. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this product not expressly approved by RadioShack, or operation of this product in any way other than as detailed by the Owner's Manual, could void your authority to operate the product.

## INSTALLING THE ANTENNA TUBE

The antenna tube holds up the Avalanche's antenna wire for the best reception and range. Route the antenna wire's loose end through the tube. Then insert the tube securely into the Avalanche's antenna tube holder.

## INSTALLING BATTERIES

### ⚠ WARNING ⚠

Dispose of batteries promptly and properly; do not bury or burn them.

### ⚠ CAUTION ⚠

- Use only fresh batteries of the required size and recommended type.
- If you do not plan to use the Avalanche for a week or more, remove the battery from the transmitter and the battery and battery pack from the Avalanche. Batteries can leak chemicals that can destroy electronic parts.
- Never leave dead or weak batteries in the Avalanche or transmitter.

### IN THE TRANSMITTER

The transmitter requires one 9V battery. For the best performance and longest life, we recommend a RadioShack alkaline battery. ⚡

1. Slide the transmitter's OFF/ON switch to OFF.
2. Slide the battery compartment cover in the direction of the arrow marked on it to open it.
3. Place the battery in the compartment as indicated by the polarity symbols (+ and -) marked inside.
4. Replace the cover and snap it shut.

When the transmitter's range decreases, replace its battery.

### IN THE AVALANCHE

Your Avalanche requires one 9V battery and a rechargeable 7.2V battery pack (neither supplied). Before you use the battery pack, you must charge it

using a battery charger (not supplied). Follow the charger's instructions to charge the battery pack.

1. Slide the **ON/OFF** switch under the Avalanche to **OFF**.
2. Use a coin to turn the battery compartment cover's latch toward **OPEN**. Then slide the battery compartment cover forward and lift it off.
3. Place the 9V battery in the battery compartment according to the polarity symbols (+ and -) marked inside.
4. Place the battery pack in the recessed area with the battery pack's connector on the same side as the Avalanche's matching connector. 
5. Attach the battery pack's connector to the Avalanche's matching connector. They fit together only one way. Do not force them.
6. Close the cover.

If the Avalanche does not respond to the transmitter, replace the 9V batteries in the Avalanche and the transmitter. If the Avalanche loses power, replace or recharge the battery pack. 

To remove the battery pack, open the cover as described in Step 2. Then slide the pack toward the pack's connector and lift the other side of the battery pack. Unplug the connectors and remove the battery pack. !

### CAUTION

- Be sure the connectors and wires do not touch any of the Avalanche's moving parts.
- Use only the recommended battery pack and charger.
- After you charge or recharge the battery pack, disconnect it from the charger. Overcharging the battery pack could damage it.
- When you disconnect the battery pack from the charger, do not pull on the connector's wires. You might damage the battery pack.

### NOTE

- If you want to run your Avalanche for extended periods, we suggest you purchase an extra battery pack. You can charge one while you use the other.
- Occasionally, let the battery pack fully discharge before recharging it. Otherwise, the battery pack loses its ability to fully charge.

### **! IMPORTANT !**

**Important:** The EPA certified RBRC® Battery Recycling Seal on the nickel-cadmium (Ni-Cd) battery indicates RadioShack is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The RBRC program provides a convenient alternative to placing used Ni-Cd batteries into the trash or the municipal waste stream, which may be illegal in your area. (continued)



**! IMPORTANT !**

(continued) Please call 1-800-THE-SHACK (1-800-843-7422) for information on Ni-Cd battery recycling and disposal bans/restrictions in your area. RadioShack's involvement in this program is part of the company's commitment to preserving our environment and conserving our natural resources.

**⚠ WARNING ⚠**

- This Avalanche can reach much higher speeds than most radio-controlled cars. Be careful to avoid high-impact collisions with people and objects when you use the Avalanche.
- Do not play with your Avalanche in the street.

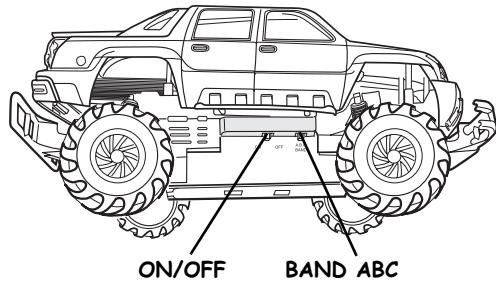
**⚠ CAUTION ⚠**

- If the Avalanche gets stuck under an object, immediately release the transmitter's control levers and retrieve the Avalanche.
- Running your Avalanche continuously for long periods generates high heat levels.
- Heat causes wear and tear on the motor. To help keep heat levels down, when your Avalanche's battery pack runs down, let the Avalanche cool for at least 10 minutes before installing a new or newly charged battery pack.

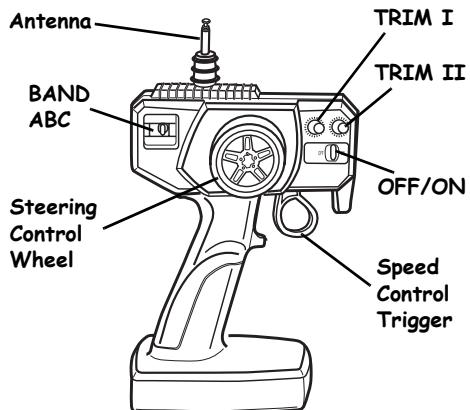
**DRIVING THE AVALANCHE**

1. Extend the transmitter's antenna to its full length.

2. Slide OFF/ON on both the transmitter and the Avalanche to ON.



3. Select the specific frequency by setting BAND ABC on the transmitter and the Avalanche to the same band.



4. Use the transmitter's trigger and wheel to drive and steer the Avalanche. ⚡ ↗ ↘

- **Speed Control Trigger** — Pull to the left to move forward. Pull all the way to the left for maximum speed. Push to the right to move backward. Release to stop.
- **Steering Control Wheel** — Turn left to move left. Turn right to move right. Release to drive straight.

- When you finish playing with the Avalanche, slide ON/OFF on both the Avalanche and the transmitter to OFF. 

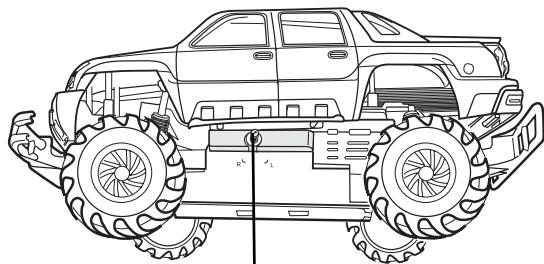
## ADJUSTING THE TRIM CONTROLS

The transmitter's neutral trim control (**TRIM I** above OFF/ON) lets you fine-tune the speed control so the Avalanche completely stops when you release the speed control to its center position.

The transmitter's steering trim control (**TRIM II** above OFF/ON) lets you fine-tune the steering so the Avalanche drives in a straight line when you set the steering control to its center position.

- Place the Avalanche on a block or turn it over so the tires do not touch the ground. 
- Slide OFF/ON on both the transmitter and the Avalanche to ON.
- If the tires move, turn **TRIM I** until the tires stop. 
- If the front tires appear to angle left or right, adjust **TRIM II** until the tires appear to be straight.
- When you finish the adjustment, slide ON/OFF on both the Avalanche and the transmitter to OFF. 

## ADJUSTING THE WHEEL ALIGNMENT



Wheel Alignment Control

If the Avalanche does not drive in a straight line when you pull the speed control trigger, adjust the wheel alignment control (L/R) on the side of the Avalanche.

### WARNING

Do not touch the motor immediately after using the Avalanche, as it might become hot during use.

### HINT

- If the Avalanche's motor runs but it does not respond to the transmitter, move closer to the Avalanche and try again.
- If the Avalanche moves slowly, and you have installed fresh batteries and a freshly recharged battery pack, check the wheel mechanisms for lint, thread, hair, or dust.
- If someone uses a CB nearby, it might interfere with control of the Avalanche. If this happens, move the Avalanche away from the CB.
- You cannot operate the Avalanche near devices with transmitters that use the same frequency as your Avalanche (27 MHz with 3 bands).

### NOTE

- Do not touch the tires or the steering control during this adjustment.
- You might have to further fine-tune the trim controls after using the Avalanche for a while.

### CAUTION

Never set **TRIM I** to make the Avalanche continually move.

#### Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, crash, collision, impact, violent contact, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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Slide the wheel alignment control toward L if the Avalanche is pulling to the right, or toward R if the Avalanche is pulling to the left.

## RACING TWO OR MORE CARS TOGETHER

The Avalanche and other radio-controlled cars use specific frequencies to operate. Cars with different control frequencies can race together without interference. Cars with the same frequency cannot.

The following chart shows the control frequencies for your Avalanche. You can select any of these bands to operate your Avalanche.

Band	Frequency
A	27.095 MHz
B	27.145 MHz
C	27.195 MHz

## CARE

Keep the truck dry; if it gets wet, wipe it dry immediately. Use and store the truck only in normal temperature environments. Handle the truck carefully; do not drop it. Keep the truck away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

## SERVICE AND REPAIR

If your truck is not performing as it should, take it to your local RadioShack store for assistance. Modifying or tampering with the truck's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it.